Guillaume Pare

List of Publications by Citations

261 papers	26,446 citations	66 h-index	160 g-index
299 ext. papers	32,074 ext. citations	10.1 avg, IF	6.5 L-index

#	Paper	IF	Citations
261	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
260	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
259	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
258	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. *Nature Genetics*, **2010**, 42, 441-7	36.3	927
257	Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. *Lancet, The*, **2016**, 388, 761-75	40	903
256	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
255	Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. *PLoS Genetics*, **2011**, 7, e1001324	6	629
254	New loci associated with kidney function and chronic kidney disease. *Nature Genetics*, **2010**, 42, 376-84	36.3	599
253	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. *PLoS Medicine*, **2013**, 10, e1001383	11.6	592
252	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
251	Benefits and limitations of genome-wide association studies. *Nature Reviews Genetics*, **2019**, 20, 467-484	30.1	516
250	Myocardial injury after noncardiac surgery: a large, international, prospective cohort study establishing diagnostic criteria, characteristics, predictors, and 30-day outcomes. *Anesthesiology*, **2014**, 120, 564-78	4.3	509
249	Multiple loci associated with indices of renal function and chronic kidney disease. *Nature Genetics*, **2009**, 41, 712-7	36.3	469
248	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. *New England Journal of Medicine*, **2018**, 378, 2191-2201	59.2	432
247	Effects of CYP2C19 genotype on outcomes of clopidogrel treatment. *New England Journal of Medicine*, **2010**, 363, 1704-14	59.2	428
246	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. *Circulation*, **2011**, 123, 731-8	16.7	395
245	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386

244	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nature Genetics*, **2010**, 42, 1077-85	36.3	372
243	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE collaboration): a meta-analysis of genome-wide association studies. *Lancet Neurology, The*, **2012**, 11, 951-62	24.1	359
242	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
241	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
240	Genome-wide association studies identify loci associated with age at menarche and age at natural menopause. *Nature Genetics*, **2009**, 41, 724-8	36.3	295
239	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285
238	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
237	Loci related to metabolic-syndrome pathways including LEPR,HNF1A, IL6R, and GCKR associate with plasma C-reactive protein: the Women's Genome Health Study. *American Journal of Human Genetics*, **2008**, 82, 1185-92	11	273
236	Forty-three loci associated with plasma lipoprotein size, concentration, and cholesterol content in genome-wide analysis. *PLoS Genetics*, **2009**, 5, e1000730	6	265
235	Research capacity. Enabling the genomic revolution in Africa. *Science*, **2014**, 344, 1346-8	33.3	256
234	Association between a literature-based genetic risk score and cardiovascular events in women. *JAMA - Journal of the American Medical Association*, **2010**, 303, 631-7	27.4	256
233	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. *Nature Genetics*, **2012**, 44, 260-8	36.3	243
232	Multiple genetic loci influence serum urate levels and their relationship with gout and cardiovascular disease risk factors. *Circulation: Cardiovascular Genetics*, **2010**, 3, 523-30		243
231	Novel association of ABO histo-blood group antigen with soluble ICAM-1: results of a genome-wide association study of 6,578 women. *PLoS Genetics*, **2008**, 4, e1000118	6	230
230	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225
229	Association between shortened leukocyte telomere length and cardiometabolic outcomes: systematic review and meta-analysis. *Circulation: Cardiovascular Genetics*, **2015**, 8, 82-90		216
228	All SNPs are not created equal: genome-wide association studies reveal a consistent pattern of enrichment among functionally annotated SNPs. *PLoS Genetics*, **2013**, 9, e1003449	6	209
227	Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. *Nature Genetics*, **2012**, 44, 904-9	36.3	201

226	A new method for measurement of total plasma PCSK9: clinical applications. *Journal of Lipid Research*, **2010**, 51, 140-9	6.3	181
225	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
224	Genetic determinants of dabigatran plasma levels and their relation to bleeding. *Circulation*, **2013**, 127, 1404-12	16.7	174
223	CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 555-70	12.7	170
222	Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 2706-15	5.6	164
221	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. *Lancet Neurology, The*, **2016**, 15, 174-184	24.1	159
220	Polymorphism in the CETP gene region, HDL cholesterol, and risk of future myocardial infarction: Genomewide analysis among 18 245 initially healthy women from the Women? Genome Health Study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 26-33		153
219	Gene ?physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. *PLoS Genetics*, **2013**, 9, e1003607	6	145
218	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. *Nature Genetics*, **2017**, 49, 1450-1457	36.3	136
217	On the use of variance per genotype as a tool to identify quantitative trait interaction effects: a report from the Women? Genome Health Study. *PLoS Genetics*, **2010**, 6, e1000981	6	132
216	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. *American Journal of Clinical Nutrition*, **2013**, 98, 668-76	7	122
215	Genetic loci associated with plasma concentration of low-density lipoprotein cholesterol, high-density lipoprotein cholesterol, triglycerides, apolipoprotein A1, and Apolipoprotein B among 6382 white women in genome-wide analysis with replication. *Circulation: Cardiovascular Genetics*, **2008**, 1, 21-30		103
214	Cannabis use and risk of schizophrenia: a Mendelian randomization study. *Molecular Psychiatry*, **2018**, 23, 1287-1292	15.1	98
213	Identification of Cadherin 2 () Mutations in Arrhythmogenic Right Ventricular Cardiomyopathy. *Circulation: Cardiovascular Genetics*, **2017**, 10,		94
212	A large-scale candidate gene association study of age at menarche and age at natural menopause. *Human Genetics*, **2010**, 128, 515-27	6.3	93
211	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. *Journal of the American College of Cardiology*, **2013**, 62, 1966-1976	15.1	91
210	Novel associations of CPS1, MUT, NOX4, and DPEP1 with plasma homocysteine in a healthy population: a genome-wide evaluation of 13 974 participants in the Women? Genome Health Study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 142-50		88
209	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85

208	Mendelian randomization analysis supports the causal role of dysglycaemia and diabetes in the risk of coronary artery disease. *European Heart Journal*, **2015**, 36, 1454-62	9.5	83
207	Testosterone suppression in opioid users: a systematic review and meta-analysis. *Drug and Alcohol Dependence*, **2015**, 149, 1-9	4.9	80
206	A genome-wide association study for venous thromboembolism: the extended cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. *Genetic Epidemiology*, **2013**, 37, 512-521	2.6	80
205	Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. *Nature Metabolism*, **2019**, 1, 1202-1208	14.6	80
204	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. *Neurology*, **2014**, 83, 678-85	6.5	78
203	Novel association of HK1 with glycated hemoglobin in a non-diabetic population: a genome-wide evaluation of 14,618 participants in the Women's Genome Health Study. *PLoS Genetics*, **2008**, 4, e1000312	6	77
202	Genomic DNA Methylation Signatures Enable Concurrent Diagnosis and Clinical Genetic Variant Classification in Neurodevelopmental Syndromes. *American Journal of Human Genetics*, **2018**, 102, 156-174	11	75
201	The protective effect of the obesity-associated rs9939609 A variant in fat mass- and obesity-associated gene on depression. *Molecular Psychiatry*, **2013**, 18, 1281-6	15.1	75
200	The relationship between CYP2C19 polymorphisms and ischaemic and bleeding outcomes in stable outpatients: the CHARISMA genetics study. *European Heart Journal*, **2012**, 33, 2143-50	9.5	73
199	Failure to validate association between 12p13 variants and ischemic stroke. *New England Journal of Medicine*, **2010**, 362, 1547-50	59.2	71
198	Genetic analysis of 103 candidate genes for coronary artery disease and associated phenotypes in a founder population reveals a new association between endothelin-1 and high-density lipoprotein cholesterol. *American Journal of Human Genetics*, **2007**, 80, 673-82	11	71
197	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. *American Journal of Clinical Nutrition*, **2018**, 108, 453-475	7	69
196	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. *Neurology*, **2016**, 86, 146-53	6.5	67
195	Lifestyle interaction with fat mass and obesity-associated (FTO) genotype and risk of obesity in apparently healthy U.S. women. *Diabetes Care*, **2011**, 34, 675-80	14.6	65
194	Genome-wide association analysis of soluble ICAM-1 concentration reveals novel associations at the NFKBIK, PNPLA3, RELA, and SH2B3 loci. *PLoS Genetics*, **2011**, 7, e1001374	6	65
193	Rivaroxaban for secondary stroke prevention in patients with embolic strokes of undetermined source: Design of the NAVIGATE ESUS randomized trial. *European Stroke Journal*, **2016**, 1, 146-154	5.6	65
192	Novel loci, including those related to Crohn disease, psoriasis, and inflammation, identified in a genome-wide association study of fibrinogen in 17 686 women: the Women's Genome Health Study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 134-41		64
191	The pharmacogenetics of carboxylesterases: CES1 and CES2 genetic variants and their clinical effect. *Drug Metabolism and Drug Interactions*, **2014**, 29, 143-51		61

190	Growth Differentiation Factor 15 as a Novel Biomarker for Metformin. *Diabetes Care*, **2017**, 40, 280-283	14.6	60
189	HDL Cholesterol, LDL Cholesterol, and Triglycerides as Risk Factors for CKD: A Mendelian Randomization Study. *American Journal of Kidney Diseases*, **2018**, 71, 166-172	7.4	59
188	Association of variation at the ABO locus with circulating levels of soluble intercellular adhesion molecule-1, soluble P-selectin, and soluble E-selectin: a meta-analysis. *Circulation: Cardiovascular Genetics*, **2011**, 4, 681-6		59
187	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. *Lancet, The*, **2020**, 396, 968-976	40	59
186	Canadian Cardiovascular Society Position Statement on Familial Hypercholesterolemia: Update 2018. *Canadian Journal of Cardiology*, **2018**, 34, 1553-1563	3.8	58
185	Polygenic risk score predicts prevalence of cardiovascular disease in patients with familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2017**, 11, 725-732.e5	4.9	57
184	Sex differences in substance use, health, and social functioning among opioid users receiving methadone treatment: a multicenter cohort study. *Biology of Sex Differences*, **2015**, 6, 21	9.3	55
183	Genetic variants associated with myocardial infarction risk factors in over 8000 individuals from five ethnic groups: The INTERHEART Genetics Study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 16-25		54
182	Correction of population stratification in large multi-ethnic association studies. *PLoS ONE*, **2008**, 3, e1382	3.7	53
181	Interpreting metabolomic profiles using unbiased pathway models. *PLoS Computational Biology*, **2010**, 6, e1000692	5	50
180	The AIDS disease of CD4C/HIV transgenic mice shows impaired germinal centers and autoantibodies and develops in the absence of IFN-gamma and IL-6. *Immunity*, **2001**, 15, 173-85	32.3	50
179	Identification of a methylation profile for DNMT1-associated autosomal dominant cerebellar ataxia, deafness, and narcolepsy. *Clinical Epigenetics*, **2016**, 8, 91	7.7	50
178	Identifying Novel Biomarkers for Cardiovascular Events or Death in People With Dysglycemia. *Circulation*, **2015**, 132, 2297-304	16.7	49
177	BAFopathiesPDNA methylation epi-signatures demonstrate diagnostic utility and functional continuum of Coffin-Siris and Nicolaides-Baraitser syndromes. *Nature Communications*, **2018**, 9, 4885	17.4	48
176	Genetic variants associated with angiotensin-converting enzyme inhibitor-associated angioedema. *Pharmacogenetics and Genomics*, **2013**, 23, 470-8	1.9	47
175	The fat-mass and obesity-associated (FTO) gene, physical activity, and risk of incident cardiovascular events in white women. *American Heart Journal*, **2010**, 160, 1163-9	4.9	47
174	A machine-learning heuristic to improve gene score prediction of polygenic traits. *Scientific Reports*, **2017**, 7, 12665	4.9	46
173	is associated with lacunar ischemic stroke and deep ICH: Meta-analyses among 21,500 cases and 40,600 controls. *Neurology*, **2017**, 89, 1829-1839	6.5	46

172	Genetic markers of inflammation and their role in cardiovascular disease. *Canadian Journal of Cardiology*, **2013**, 29, 67-74	3.8	43
171	The defining DNA methylation signature of Kabuki syndrome enables functional assessment of genetic variants of unknown clinical significance. *Epigenetics*, **2017**, 12, 923-933	5.7	43
170	Effect of Bile Acid Sequestrants on the Risk of Cardiovascular Events: A Mendelian Randomization Analysis. *Circulation: Cardiovascular Genetics*, **2015**, 8, 618-27		41
169	Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. *Journal of the American College of Cardiology*, **2018**, 72, 300-310	15.1	39
168	Identification of epigenetic signature associated with alpha thalassemia/mental retardation X-linked syndrome. *Epigenetics and Chromatin*, **2017**, 10, 10	5.8	39
167	The effectiveness of opioid substitution treatments for patients with opioid dependence: a systematic review and multiple treatment comparison protocol. *Systematic Reviews*, **2014**, 3, 105	3	39
166	The defining DNA methylation signature of Floating-Harbor Syndrome. *Scientific Reports*, **2016**, 6, 38803	4.9	38
165	Peripheral blood epi-signature of Claes-Jensen syndrome enables sensitive and specific identification of patients and healthy carriers with pathogenic mutations in. *Clinical Epigenetics*, **2018**, 10, 21	7.7	37
164	Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. *Journal of Stroke and Cerebrovascular Diseases*, **2018**, 27, 1673-1682	2.8	37
163	Exploring gene-environment relationships in cardiovascular disease. *Canadian Journal of Cardiology*, **2013**, 29, 37-45	3.8	37
162	A common biological basis of obesity and nicotine addiction. *Translational Psychiatry*, **2013**, 3, e308	8.6	37
161	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. *Circulation*, **2019**, 139, 295-298	16.7	37
160	Sex differences in outcomes of methadone maintenance treatment for opioid use disorder: a systematic review and meta-analysis. *CMAJ Open*, **2015**, 3, E344-51	2.5	36
159	Association of cyclooxygenase-2 genetic variant with cardiovascular disease. *European Heart Journal*, **2014**, 35, 2242-8a	9.5	34
158	Promises and challenges of pharmacogenetics: an overview of study design, methodological and statistical issues. *JRSM Cardiovascular Disease*, **2012**, 1,	1.1	33
157	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
156	Alcohol and Cardiovascular Disease: How Much is Too Much?. *Current Atherosclerosis Reports*, **2017**, 19, 13	6	32
155	Novel Drug Targets for Ischemic Stroke Identified Through Mendelian Randomization Analysis of the Blood Proteome. *Circulation*, **2019**, 140, 819-830	16.7	32

154	Genetic Predictors of Cardiovascular Mortality During Intensive Glycemic Control in Type 2 Diabetes: Findings From the ACCORD Clinical Trial. *Diabetes Care*, **2016**, 39, 1915-1924	14.6	32
153	Genome-wide studies to identify risk factors for kidney disease with a focus on patients with diabetes. *Nephrology Dialysis Transplantation*, **2015**, 30 Suppl 4, iv26-34	4.3	31
152	Dabigatran etexilate and reduction in serum apolipoprotein B. *Heart*, **2016**, 102, 57-62	5.1	30
151	Polygenic Contribution in Individuals With Early-Onset Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001849	5.2	29
150	Rationale and design of South Asian Birth Cohort (START): a Canada-India collaborative study. *BMC Public Health*, **2013**, 13, 79	4.1	29
149	Clinical Validation of a Genome-Wide DNA Methylation Assay for Molecular Diagnosis of Imprinting Disorders. *Journal of Molecular Diagnostics*, **2017**, 19, 848-856	5.1	29
148	Common coding variant in increases the risk for large artery stroke. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 3613-3618	11.5	28
147	Methadone induces testosterone suppression in patients with opioid addiction. *Scientific Reports*, **2014**, 4, 6189	4.9	28
146	Gender and BCR-ABL transcript type are correlated with molecular response to imatinib treatment in patients with chronic myeloid leukemia. *European Journal of Haematology*, **2016**, 96, 360-6	3.8	28
145	Clinical Validation of Fragile X Syndrome Screening by DNA Methylation Array. *Journal of Molecular Diagnostics*, **2016**, 18, 834-841	5.1	28
144	Endoplasmic Reticulum Stress and Ca2+ Depletion Differentially Modulate the Sterol Regulatory Protein PCSK9 to Control Lipid Metabolism. *Journal of Biological Chemistry*, **2017**, 292, 1510-1523	5.4	27
143	Opioid substitution and antagonist therapy trials exclude the common addiction patient: a systematic review and analysis of eligibility criteria. *Trials*, **2015**, 16, 475	2.8	27
142	Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. *Clinical Chemistry*, **2017**, 63, 403-414	5.5	26
141	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
140	Genetic and phenotypic determinants of blood pressure and other cardiovascular risk factors (GAPP). *Swiss Medical Weekly*, **2013**, 143, w13728	3.1	25
139	Novel Outcome Biomarkers Identified With Targeted Proteomic Analyses of Plasma From Critically Ill Coronavirus Disease 2019 Patients **2020**, 2, e0189		25
138	Peripheral Blood MCEMP1 Gene Expression as a Biomarker for Stroke Prognosis. *Stroke*, **2016**, 47, 652-86.7		24
137	Does genetic heterogeneity account for the divergent risk of type 2 diabetes in South Asian and white European populations?. *Diabetologia*, **2014**, 57, 2270-81	10.3	24

136	Genetic influence on methadone treatment outcomes in patients undergoing methadone maintenance treatment for opioid addiction: a pilot study. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 1503-8	3.1	24
135	Multiple daily doses of acetyl-salicylic acid (ASA) overcome reduced platelet response to once-daily ASA after coronary artery bypass graft surgery: a pilot randomized controlled trial. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 448-56	15.4	23
134	Combined vaccination and immunostimulatory antibodies provides durable cure of murine melanoma and induces transcriptional changes associated with positive outcome in human melanoma patients. *OncoImmunology*, **2012**, 1, 419-431	7.2	23
133	Association between cannabis use and methadone maintenance treatment outcomes: an investigation into sex differences. *Biology of Sex Differences*, **2017**, 8, 8	9.3	22
132	PON1 Q192R genetic variant and response to clopidogrel and prasugrel: pharmacokinetics, pharmacodynamics, and a meta-analysis of clinical outcomes. *Journal of Thrombosis and Thrombolysis*, **2016**, 41, 374-83	5.1	22
131	Effect of genetic variants associated with plasma homocysteine levels on stroke risk. *Stroke*, **2014**, 45, 1920-4	6.7	22
130	Postoperative Remote Automated Monitoring: Need for and State of the Science. *Canadian Journal of Cardiology*, **2018**, 34, 850-862	3.8	21
129	A Digital Health Intervention to Lower Cardiovascular Risk: A Randomized Clinical Trial. *JAMA Cardiology*, **2016**, 1, 601-6	16.2	21
128	DNA methylation analysis in constitutional disorders: Clinical implications of the epigenome. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 147-65	9.4	21
127	Impact of Chronic Pain on Treatment Prognosis for Patients with Opioid Use Disorder: A Systematic Review and Meta-analysis. *Substance Abuse: Research and Treatment*, **2015**, 9, 59-80	1.6	21
126	A gene variant in CERS2 is associated with rate of increase in albuminuria in patients with diabetes from ONTARGET and TRANSCEND. *PLoS ONE*, **2014**, 9, e106631	3.7	21
125	Effect of PON1 Q192R genetic polymorphism on clopidogrel efficacy and cardiovascular events in the Clopidogrel in the Unstable Angina to Prevent Recurrent Events trial and the Atrial Fibrillation Clopidogrel Trial with Irbesartan for Prevention of Vascular Events. *Circulation: Cardiovascular Genetics*, **2012**, 5, 250-6		21
124	A Prospective Study to Investigate Predictors of Relapse among Patients with Opioid Use Disorder Treated with Methadone. *Substance Abuse: Research and Treatment*, **2016**, 10, 9-18	1.6	20
123	Genetic information and the prediction of incident type 2 diabetes in a high-risk multiethnic population: the EpiDREAM genetic study. *Diabetes Care*, **2013**, 36, 2836-42	14.6	20
122	Impact of Selection Bias on Estimation of Subsequent Event Risk. *Circulation: Cardiovascular Genetics*, **2017**, 10,		19
121	Lipoprotein(a): An underrecognized genetic risk factor for malignant coronary artery disease in young Indians. *Indian Heart Journal*, **2019**, 71, 184-198	1.6	18
120	The association between age of onset of opioid use and comorbidity among opioid dependent patients receiving methadone maintenance therapy. *Addiction Science & Clinical Practice*, **2017**, 12, 9	4.1	18
119	Testing should not be done in all patients treated with clopidogrel who are undergoing percutaneous coronary intervention. *Circulation: Cardiovascular Interventions*, **2011**, 4, 514-21; discussion 521	6	18

118	Genetic determinants of warfarin maintenance dose and time in therapeutic treatment range: a RE-LY genomics substudy. *Pharmacogenomics*, **2016**, 17, 1425-39	2.6	18
117	The 9p21.3 locus and cardiovascular risk in familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2017**, 11, 406-412	4.9	17
116	Putting the Genome in Context: Gene-Environment Interactions in Type 2 Diabetes. *Current Diabetes Reports*, **2016**, 16, 57	5.6	17
115	Factors independently associated with cardiac troponin I levels in young and healthy adults from the general population. *Clinical Research in Cardiology*, **2017**, 106, 96-104	6.1	16
114	Associations of the FTO rs9939609 variant with discrete body fat depots and dietary intake in a multi-ethnic cohort. *Genetical Research*, **2011**, 93, 419-26	1.1	16
113	ACE and Type 2 Diabetes Risk: A Mendelian Randomization Study. *Diabetes Care*, **2020**, 43, 835-842	14.6	16
112	Genetic Tools for Coronary Risk Assessment in Type 2 Diabetes: A Cohort Study From the ACCORD Clinical Trial. *Diabetes Care*, **2018**, 41, 2404-2413	14.6	16
111	Impact of a Genetic Risk Score on Myocardial Infarction Risk Across Different Ethnic Populations. *Canadian Journal of Cardiology*, **2016**, 32, 1440-1446	3.8	15
110	Pharmacogenetics of antiplatelets and anticoagulants: a report on clopidogrel, warfarin and dabigatran. *Pharmacogenomics*, **2013**, 14, 1565-72	2.6	15
109	Clinical evaluation of a hemochromatosis next-generation sequencing gene panel. *European Journal of Haematology*, **2017**, 98, 228-234	3.8	15
108	Contribution of BDNF and DRD2 genetic polymorphisms to continued opioid use in patients receiving methadone treatment for opioid use disorder: an observational study. *Addiction Science & Clinical Practice*, **2015**, 10, 19	4.1	15
107	Candidate genetic variants in the fibrinogen, methylenetetrahydrofolate reductase, and intercellular adhesion molecule-1 genes and plasma levels of fibrinogen, homocysteine, and intercellular adhesion molecule-1 among various race/ethnic groups: data from the Women's Genome Health Study. *American Heart Journal*, **2009**, 157, 777-83.e1	4.9	15
106	Telomere Length and Risk of Myocardial Infarction in a MultiEthnic Population: The INTERHEART Study. *Journal of the American College of Cardiology*, **2016**, 67, 1863-1865	15.1	15
105	Relationships of Measured and Genetically Determined Height With the Cardiac Conduction System in Healthy Adults. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10,	6.4	14
104	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14
103	Blood HER2 and Uromodulin as Causal Mediators of CKD. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 1326-1335	12.7	14
102	Aboriginal birth cohort (ABC): a prospective cohort study of early life determinants of adiposity and associated risk factors among Aboriginal people in Canada. *BMC Public Health*, **2013**, 13, 608	4.1	14
101	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. *Scientific Reports*, **2017**, 7, 11303	4.9	14

100	Current evidence for genetic testing in clopidogrel-treated patients undergoing coronary stenting. *Circulation: Cardiovascular Interventions*, **2011**, 4, 505-13; discussion 513	6	14
99	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002470	5.2	13
98	Overlap Chronic Placental Inflammation Is Associated with a Unique Gene Expression Pattern. *PLoS ONE*, **2015**, 10, e0133738	3.7	13
97	Evaluation of clinical and inflammatory profile in opioid addiction patients with comorbid pain: results from a multicenter investigation. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 2239-47	3.1	13
96	Mendelian randomisation, triglycerides, and CHD. *Lancet, The*, **2010**, 375, 1584-6	40	13
95	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. *PLoS Genetics*, **2017**, 13, e1006812	6	13
94	Molecular phenotype and bleeding risks of an inherited platelet disorder in a family with a RUNX1 frameshift mutation. *Haemophilia*, **2017**, 23, e204-e213	3.3	12
93	Polymorphism Influences the Cardiovascular Benefit of Fenofibrate in Type 2 Diabetes: Findings From ACCORD-Lipid. *Diabetes*, **2020**, 69, 771-783	0.9	12
92	Relation between clopidogrel active metabolite levels and different platelet aggregation methods in patients receiving clopidogrel and aspirin. *Journal of Thrombosis and Thrombolysis*, **2012**, 34, 429-36	5.1	12
91	A fast algorithm to optimize SNP prioritization for gene-gene and gene-environment interactions. *Genetic Epidemiology*, **2011**, 35, 729-38	2.6	12
90	Genome-wide association studies--data generation, storage, interpretation, and bioinformatics. *Journal of Cardiovascular Translational Research*, **2010**, 3, 183-8	3.3	12
89	Once versus twice daily aspirin after coronary bypass surgery: a randomized trial. *Journal of Thrombosis and Haemostasis*, **2017**, 15, 889-896	15.4	11
88	High-Sensitivity Cardiac Troponin T for Risk Stratification in Patients With Embolic Stroke of Undetermined Source. *Stroke*, **2020**, 51, 2386-2394	6.7	11
87	Towards the genetic basis of cerebral venous thrombosis-the BEAST Consortium: a study protocol. *BMJ Open*, **2016**, 6, e012351	3	11
86	Fine-tuning of Genome-Wide Polygenic Risk Scores and Prediction of Gestational Diabetes in South Asian Women. *Scientific Reports*, **2020**, 10, 8941	4.9	10
85	Global Assessment of Mendelian Stroke Genetic Prevalence in 101 635 Individuals From 7 Ethnic Groups. *Stroke*, **2020**, 51, 1290-1293	6.7	10
84	Whole Blood Gene Expression Differentiates between Atrial Fibrillation and Sinus Rhythm after Cardioversion. *PLoS ONE*, **2016**, 11, e0157550	3.7	10
83	South Asian Heart Risk Assessment (SAHARA): Randomized Controlled Trial Design and Pilot Study. *JMIR Research Protocols*, **2013**, 2, e33	2	10

82	The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. *Journal of Clinical Investigation*, **2021**, 131,	15.9	10
81	Economic Considerations of Early Rule-In/Rule-Out Algorithms for The Diagnosis of Myocardial Infarction in The Emergency Department Using Cardiac Troponin and Glycemic Biomarkers. *Clinical Chemistry*, **2017**, 63, 593-602	5.5	9
80	Validation of the ORIGIN Cardiovascular Biomarker Panel and the Value of Adding Troponin I in Dysglycemic People. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2251-2257	5.6	9
79	Mendelian Genes and Risk of Intracerebral Hemorrhage and Small-Vessel Ischemic Stroke in Sporadic Cases. *Stroke*, **2017**, 48, 2263-2265	6.7	9
78	Use of genetic data to guide therapy in arterial disease. *Journal of Thrombosis and Haemostasis*, **2015**, 13 Suppl 1, S281-9	15.4	9
77	Population-based genomewide genetic analysis of common clinical chemistry analytes. *Clinical Chemistry*, **2009**, 55, 39-51	5.5	9
76	Influence of Genetic Ancestry on Human Serum Proteome. *American Journal of Human Genetics*, **2020**, 106, 303-314	11	8
75	Effects of lifelong testosterone exposure on health and disease using Mendelian randomization. *ELife*, **2020**, 9,	8.9	8
74	A Mendelian Randomization-Based Approach to Identify Early and Sensitive Diagnostic Biomarkers of Disease. *Clinical Chemistry*, **2019**, 65, 427-436	5.5	8
73	S100A9 potentiates the activation of neutrophils by the etiological agent of gout, monosodium urate crystals. *Journal of Leukocyte Biology*, **2017**, 102, 805-813	6.5	7
72	Contribution of large region joint associations to complex traits genetics. *PLoS Genetics*, **2015**, 11, e1005103	6	7
71	The Genetic Link Between Diabetes and Atherosclerosis. *Canadian Journal of Cardiology*, **2018**, 34, 565-574	3.8	7
70	Variation at the DPP4 locus influences apolipoprotein B levels in South Asians and exhibits heterogeneity in Europeans related to BMI. *Diabetologia*, **2014**, 57, 738-45	10.3	7
69	Pollen count and presentation of angiotensin-converting enzyme inhibitor-associated angioedema. *Journal of Allergy and Clinical Immunology: in Practice*, **2013**, 1, 468-73.e1-4	5.4	7
68	BRCA2 variants and cardiovascular disease in a multi-ethnic study. *BMC Medical Genetics*, **2012**, 13, 56	2.1	7
67	Fine mapping of the insulin-induced gene 2 identifies a variant associated with LDL cholesterol and total apolipoprotein B levels. *Circulation: Cardiovascular Genetics*, **2010**, 3, 454-61		7
66	Are large simple trials for dementia prevention possible?. *Age and Ageing*, **2020**, 49, 154-160	3	7
65	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. *Stroke*, **2020**, 51, 2454-2463	6.7	7

64	Beyond the Brain: Systematic Review of Extracerebral Phenotypes Associated With Monogenic Cerebral Small Vessel Disease. *Stroke*, **2020**, 51, 3007-3017	6.7	7
63	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
62	The impact of chronic pain on opioid addiction treatment: a systematic review protocol. *Systematic Reviews*, **2015**, 4, 49	3	6
61	Active metabolite concentration of clopidogrel in patients taking different doses of aspirin: results of the interaction trial. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 347-52	15.4	6
60	A simplified diagnosis algorithm for dysbetalipoproteinemia. *Journal of Clinical Lipidology*, **2020**, 14, 431-437	4.9	6
59	Hypolipidaemia among patients with PMM2-CDG is associated with low circulating PCSK9 levels: a case report followed by observational and experimental studies. *Journal of Medical Genetics*, **2020**, 57, 11-17	5.8	6
58	Frameshift mutation in the APOA5 gene causing hypertriglyceridemia in a Pakistani family: Management and considerations for cardiovascular risk. *Journal of Clinical Lipidology*, **2016**, 10, 1272-7	4.9	6
57	Statistical genetics with application to population-based study design: a primer for clinicians. *European Heart Journal*, **2014**, 35, 495-500	9.5	6
56	Examining the clinical use of hemochromatosis genetic testing. *Canadian Journal of Gastroenterology and Hepatology*, **2015**, 29, 41-5	2.8	6
55	Meta-analysis of SNPs involved in variance heterogeneity using Levene's test for equal variances. *European Journal of Human Genetics*, **2014**, 22, 427-30	5.3	6
54	A novel mutation in GPIHBP1 causes familial chylomicronemia syndrome. *Journal of Clinical Lipidology*, **2018**, 12, 506-510	4.9	5
53	A Risk Assessment Tool Incorporating New Biomarkers for Cardiovascular Events in Acute Coronary Syndromes: The Organization to Assess Strategies in Ischemic Syndromes (OASIS) Risk Score. *Canadian Journal of Cardiology*, **2016**, 32, 1332-1339	3.8	5
52	Gene Expression Profiles for the Identification of Prevalent Atrial Fibrillation. *Journal of the American Heart Association*, **2017**, 6,	6	5
51	Caffeine blocks SREBP2-induced hepatic PCSK9 expression to enhance LDLR-mediated cholesterol clearance.. *Nature Communications*, **2022**, 13, 770	17.4	5
50	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. *EBioMedicine*, **2020**, 51, 102584	8.8	5
49	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. *Circulation*, **2020**, 142, 546-555	16.7	5
48	Genetics of early-onset coronary artery disease: from discovery to clinical translation. *Current Opinion in Cardiology*, **2019**, 34, 706-713	2.1	5
47	Polygenic Risk Score for Low-Density Lipoprotein Cholesterol Is Associated With Risk of Ischemic Heart Disease and Enriches for Individuals With Familial Hypercholesterolemia. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003106	5.2	5

46	Pharmacogenetics of Stroke. *Stroke*, **2018**, 49, 2541-2548	6.7	5
45	Identification of Circulating Proteins Associated With Blood Pressure Using Mendelian Randomization. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002605	5.2	4
44	Analytical strategies to include the X-chromosome in variance heterogeneity analyses: Evidence for trait-specific polygenic variance structure. *Genetic Epidemiology*, **2019**, 43, 815-830	2.6	4
43	Genetic contribution to lipid levels in early life based on 158 loci validated in adults: the FAMILY study. *Scientific Reports*, **2017**, 7, 68	4.9	4
42	K45R variant of squalene synthase increases total cholesterol levels in two study samples from a French Canadian population. *Human Mutation*, **2008**, 29, 689-94	4.7	4
41	A method to estimate the contribution of regional genetic associations to complex traits from summary association statistics. *Scientific Reports*, **2016**, 6, 27644	4.9	4
40	Whole exome sequencing reveals a biallelic frameshift mutation in GRXCR2 in hearing impairment in Cameroon. *Molecular Genetics & Genomic Medicine*, **2021**, 9, e1609	2.3	4
39	Genome-Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. *Annals of Neurology*, **2021**, 90, 777-788	9.4	4
38	Elevated Lipoprotein(a) and Risk of Atrial Fibrillation: An Observational and Mendelian Randomization Study.. *Journal of the American College of Cardiology*, **2022**, 79, 1579-1590	15.1	4
37	Identification of Novel Causal Blood Biomarkers Linking Metabolically Favorable Adiposity With Type 2 Diabetes Risk. *Diabetes Care*, **2019**, 42, 1800-1808	14.6	3
36	The Burden of Atherosclerotic Cardiovascular Disease in South Asians Residing in Canada: A Reflection From the South Asian Heart Alliance. *CJC Open*, **2019**, 1, 271-281	2	3
35	Genomics and epigenomics in pediatric oncology and clinical laboratory genetics. *Clinical Biochemistry*, **2014**, 47, 731-2	3.5	3
34	Genetic dissection of diabetes: facing the giant. *Diabetes*, **2013**, 62, 3338-40	0.9	3
33	GWAS and ExWAS of blood Mitochondrial DNA copy number identifies 71 loci and highlights a potential causal role in dementia.. *ELife*, **2022**, 11,	8.9	3
32	Clinical benefits and adverse effects of genetically-elevated free testosterone levels: a Mendelian randomization analysis		3
31	Acute Phase Response and Non-Reproducible Elevated Concentrations with a High-Sensitivity Cardiac Troponin I Assay. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
30	Polygenic Risk Score for Alzheimer's Disease in Caribbean Hispanics. *Annals of Neurology*, **2021**, 90, 366-376	9.4	3
29	Causal Effect of MMP-1 (Matrix Metalloproteinase-1), MMP-8, and MMP-12 Levels on Ischemic Stroke: A Mendelian Randomization Study. *Stroke*, **2021**, 52, e316-e320	6.7	3

28	Genome-Wide Association Studies (GWAS) **2013**, 25-50		3
27	Getting closer to p-selectin. *Clinical Chemistry*, **2009**, 55, 1051-2	5.5	2
26	Genetically proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers: A mendelian randomization analysis.. *PLoS Medicine*, **2022**, 19, e1003897	11.6	2
25	Biological Rational for the Use of Heparin in Septic Shock: Translational Data from the Halo Pilot RCT. *Blood*, **2015**, 126, 2336-2336	2.2	2
24	Calibrated rare variant genetic risk scores for complex disease prediction using large exome sequence repositories. *Nature Communications*, **2021**, 12, 5852	17.4	2
23	Validation of the classification for type 2 diabetes into five subgroups: a report from the ORIGIN trial. *Diabetologia*, **2022**, 65, 206-215	10.3	2
22	Triglycerides, hypertension, and smoking predict cardiovascular disease in dysbetalipoproteinemia. *Journal of Clinical Lipidology*, **2020**, 14, 46-52	4.9	2
21	Determinants of Left Atrial Volume in Patients with Atrial Fibrillation. *PLoS ONE*, **2016**, 11, e0164145	3.7	2
20	A robust method to estimate regional polygenic correlation under misspecified linkage disequilibrium structure. *Genetic Epidemiology*, **2018**, 42, 636-647	2.6	2
19	Epigenetic Age and the Risk of Incident Atrial Fibrillation. *Circulation*, **2021**,	16.7	2
18	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations.. *Communications Biology*, **2022**, 5, 329	6.7	2
17	Mitochondrial DNA Copy Number as a Marker and Mediator of Stroke Prognosis: Observational and Mendelian Randomization Analyses. *Neurology*, **2021**,	6.5	2
16	Variations in risks from smoking between high-income, middle-income, and low-income countries: an analysis of data from 179 000 participants from 63 countries.. *The Lancet Global Health*, **2022**, 10, e216-e226	13.6	1
15	Postneoadjuvant Pure and Predominantly Pure Intralymphatic Breast Carcinoma: Case Series and Literature Review. *American Journal of Surgical Pathology*, **2021**, 45, 537-542	6.7	1
14	Calibrated rare variant genetic risk scores for complex disease prediction using large exome sequence repositories		1
13	Cannabis use and risk of schizophrenia: a Mendelian randomization study		1
12	Novel Biomarkers for Change in Renal Function in People With Dysglycemia. *Diabetes Care*, **2020**, 43, 433-439	14.6	1
11	Testosterone and sex hormone-binding globulin in dysglycemic women at high cardiovascular risk: A report from the Outcome Reduction with an Initial Glargine Intervention trial. *Diabetes and Vascular Disease Research*, **2021**, 18, 14791641211002475	3.3	1

10	GWAS and ExWAS of blood Mitochondrial DNA copy number identifies 73 loci and highlights a potential causal role in dementia		1
9	NT-proBNP versus routine clinical risk factors as a predictor of cardiovascular events or death in people with dysglycemia - A brief report from the ORIGIN trial. *Journal of Diabetes and Its Complications*, **2021**, 35, 107928	3.2	1
8	Renal Impairment and Risk of Acute Stroke: The INTERSTROKE Study. *Neuroepidemiology*, **2021**, 55, 206-215	3.4	1
7	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
6	Cohort profile: genomic data for 26 622 individuals from the Canadian Longitudinal Study on Aging (CLSA).. *BMJ Open*, **2022**, 12, e059021	3	1
5	Implications of OPRM1 and CYP2B6 variants on treatment outcomes in methadone-maintained patients in Ontario: Exploring sex differences.. *PLoS ONE*, **2021**, 16, e0261201	3.7	1
4	Genetic Association Studies and Next Generation Sequencing in Stroke: Methods **2017**, 21-52		
3	Bleeding Risks Associated with Confirmed Platelet Dense Granule Deficiency and/or Impaired Aggregation Responses. *Blood*, **2016**, 128, 3728-3728	2.2	
2	Factor V Leiden and the Risk of Bleeding in Patients With Acute Coronary Syndromes Treated With Antiplatelet Therapy: Pooled Analysis of 3 Randomized Clinical Trials. *Journal of the American Heart Association*, **2021**, 10, e021115	6	
1	Polygenic risk score for Alzheimer's disease in Caribbean Hispanics.. *Alzheimeris and Dementia*, **2021**, 17 Suppl 3, e055031	1.2	